

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10711707"	US-PGPUB; USPAT	OR	OFF	2009/09/03 15:24
S2	1	"10711707"	US-PGPUB; USPAT	OR	OFF	2009/09/04 10:13
S3	24	Spray-Jeffrey-Lee.in. Green-Todd-Curtis.in. Dumont-Larry-Joe.in.	US-PGPUB; USPAT	OR	OFF	2009/09/04 10:26
S4	32	Spray-Jeffrey-Lee.in. Green-Todd-Curtis.in. Dumont-Larry-Joe.in.	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/04 10:35
S5	350	"6,540,696" "5,752,936" "5,259,392" "4,932,418" "6,540,696" "6,626,884" "4,784,650" "5,030,209" "5,112,311" "5,782,820" "6,235,006" "6,165,157" "5,827,239" 2001/0006610 "6,692,479" 2002/0143244 "4,152,213" "4,820,297" "4,900,321" "4,945,060" "5,094,955"	US-PGPUB; USPAT	OR	OFF	2009/09/04 10:35
S6	232	"5,162,229" "5,164,796" "5,217,876" "5,293,210" "5,314,855" "5,518,895" "5,567,598" "5,676,644" "5,702,383" "5,716,798" "5,795,773" "5,811,061" "5,856,175" "5,858,769" "5,912,115" "5,952,218" "5,976,827" "5,427,920" "6,152,901" "6,153,400" "6,197,577"	US-PGPUB; USPAT	OR	OFF	2009/09/04 11:13
S7	3325246	"6,251,624" "6,267,242" "6,520,948" D "323,033"	US-PGPUB; USPAT	OR	OFF	2009/09/04 11:22
S8	43	"6,251,624" "6,267,242" "6,520,948"	US-PGPUB; USPAT	OR	OFF	2009/09/04 11:23

S9	51	("3167072" "3834380" "4114618" "4129128" "4161177" "4193174" "4224937" "4248229" "4250880" "4362156" "4449975" "4453933" "4517971" "4742824" "4808162" "4857058" "4863432" "4897082" "4898587" "4919654" "4976700" "4997421" "5037397" "5084026" "5098399" "5192273" "5266401" "5342317" "5354282" "5382239" "5456671" "5637098" "5681290" "5693032" "5722959" "5795535" "5827239" "5855591" "6117163" "6132398" "6213979" "6231548" "6283945" "D375355" "D389911" "D399954"). PN. OR ("6582403").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 11:28
S10	15	("3858573" "4256120" "4296759" "4590810" "4625574" "4658655" "4749658" "5496301" "5538690" "5552118" "5928166" "6152901" "6156019" "6387086" "6543302").PN. OR ("7055401").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 11:29
S11	61	("2469641" "3459572" "3494352" "3817240" "3890203" "3931815" "4121585" "4140108" "4212308" "4253458" "4256120" "4295477" "4296759" "4307731" "4320769" "4340049" "4441951" "4547186" "4658655" "4763648" "4865583" "4867172" "4991601" "5033476" "5048537" "5061451" "5100376" "5102407" "5114400" "5167656" "5270003" "5372143" "5395347" "5464397" "5484418" "5496301" "5545339" "5601730" "5620008" "5665074" "5743872" "RE35841").PN. OR ("6387086").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 11:30

S12	13	(“3187750” “4014329” “4047526” “4275732” “4650477”).PN. OR (“5100376”).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 11:33
S13	570	600/576.ccls.	US-PGPUB; USPAT	OR	OFF	2009/09/04 11:34
S14	11	(“3469199” “4466878” “4467811” “4512349” “4608996”).PN. OR (“5089421”).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 11:55
S15	695	604/408.ccls.	US-PGPUB; USPAT	OR	OFF	2009/09/04 12:00
S16	38	(“0331039” “3342179” “4088166” “4136692” “4282863” “4368729” “4500311” “4516977” “4636412” “4654240” “4892537” “4936832” “4976707” “4978579” “5088994” “5197987” “5267646” “5289858” “5385564” “5391163” “5405333” “5423794” “5460625” “5480394” “Re32065”).PN. OR (“5738671”).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 12:21
S17	37	(“2387955” “4246932” “4683916” “4838875” “4871353” “4898581” “5190067” “5232111”).PN. OR (“5405333”).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 12:24
S18	79	(“2299643” “3831629” “4000740” “4059109” “4128098” “4143853” “4158362” “4210173” “4222407” “4244445” “4274445” “4310017” “4311137” “4354492” “4364387” “4387879” “4405316” “4429856” “4498295” “4506691” “4535820” “4556086” “4610276” “4614437” “4681132” “4683916” “4752292” “4765372” “4776369” “4782841” “4816024” “4819659” “4838875” “4842591” “4874369” “4898581” “4917668” “4940457” “5070905” “5071413” “5085645” “5176658” “5190067” “5201725” “5230706” “5232109”	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 12:27

		"5242393" "5251873" "5269771" "5295657" "5334180" "5349984" "5354278" "5360413" "5383851" "5391150" "5405323" "5405333" "5433705" "5453097" "5454805" "5492531" "5527306" "5620420" "5642617" "5645538" "5660205" "5694686" "5735826").PN. OR ("6068617").URPN.				
S19	52	("2570639" "2599738" "2981253" "3205889" "3730835" "3788369" "3985135" "4026669" "4035304" "4191231" "4196088" "4235233" "4424190" "4437472" "4466888" "4484920" "4493705" "4507114" "4600613" "4645482" "4717377" "4734269" "4790815" "4795457" "4854737" "4863452" "4876788" "4910147" "4959062" "4976708" "5061236" "5126175" "5135600" "5209347").PN. OR ("5580349").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 12:48
S20	38	("4354492" "4556086" "4683916" "4838875" "4852560" "4908018" "4946448" "5116021" "5190067").PN. OR ("5391150").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 12:55
S21	0	"2001025167"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 12:58
S22	1	"20010025167"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 12:59

S23	60	("1971642" "2470977" "2908463" "3211144" "3650272" "3866608" "3872868" "3982538" "4014329" "4126135" "4161179" "4295619" "4305389" "4312352" "4326526" "4393880" "4402687" "4424053" "4443220" "4449969" "4500308" "4501581" "4501584" "4543084" "4553970" "4583972" "4637934" "4642088" "4650478" "4664652" "4675011" "4700871" "4731072" "4772256" "4775360" "4781707" "4798578" "4838872" "4857042" "4943288" "4955877" "4973327" "4976707" "5011470" "5025925" "5045077" "5158369").PN. OR ("5374257").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 13:03
S24	21	"5167656"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 13:08
S25	16	("2950716" "3127892" "4673161" "5167656" "5270003" "5702383" "6123859" "6126618" "6328726" "6387086" "6626884" "6692479" "6730071" "6742760").PN. OR ("7384416").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 13:09
S26	1551	(fluid same samp\$3) and (reservoir same (clamp or valve)) and needle	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/04 13:13
S27	66	(fluid same samp\$3) and (reservoir same (clamp or valve)) and needle and ((clamp or valve) same (bracket or hinge))	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/04 13:14
S28	9	("5469860" "5961472").PN. OR ("6224561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 13:18
S30	4092	((fluid or blood) same samp\$3) and ((reservoir or chamber) same (clamp or valve)) and needle	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/04 13:20

S31	28	"4786286"	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/04 13:43
S32	670	((fluid or blood) same samp \$3) and ((reservoir or chamber) same (clamp)) and needle	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/04 13:44
S33	2	"3654934"	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/04 13:55
S34	11	"6626884"	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/04 13:55
S35	17	("3327709" "3654924" "4056101" "4423741" "4593717" "4786286" "5167656" "5772608" "6364847").PN. OR ("6626884").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 13:56
S36	1	"7055401"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 13:58
S37	1052	73/863.23	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 13:59
S38	519	73/863.23 and (clamp or valve)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 13:59
S39	1834	436/180.ccls.	US-PGPUB; USPAT	OR	OFF	2009/09/04 14:05
S40	286	436/180.ccls. and blood and (valve or clamp)	US-PGPUB; USPAT	OR	OFF	2009/09/04 14:05
S41	5264	"604"/\$.ccls. and needle and fluid and (chamber or reservoir) and (clamp or valve)	US-PGPUB; USPAT	OR	OFF	2009/09/04 14:09
S42	3211	"604"/\$.ccls. and needle and fluid and ((chamber or reservoir) same (clamp or valve))	US-PGPUB; USPAT	OR	OFF	2009/09/04 14:09
S44	201	"604"/\$.ccls. and needle and fluid and ((chamber or reservoir) same (clamp or valve) same (bracket or arm))	US-PGPUB; USPAT	OR	OFF	2009/09/04 14:10
S45	36	("2595511" "3135259" "3550900" "3630481" "3724818").PN. OR ("3915167").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 14:17

S46	12	(“3817237” “3831625” “3915167” “4105028” “4300552” “4312493” “4337791” “4375882” “4398908” “4493710”).PN. OR (“4725269”).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 14:19
S47	35	S5 and (needle same valve)	US-PGPUB; USPAT	OR	OFF	2009/09/04 14:29
S48	21	S6 and (valve same needle)	US-PGPUB; USPAT	OR	OFF	2009/09/04 14:33
S49	2	S8 and (valve same needle)	US-PGPUB; USPAT	OR	OFF	2009/09/04 14:36
S50	306	(valve same needle same clamp) and (fluid same (reservoir or container or chamber))	US-PGPUB; USPAT	OR	OFF	2009/09/04 14:37
S51	44	(“0274447” “2777443” “2834345” “2950716” “3064647” “3110308” “3196872” “3327709” “3463357” “3467095” “3654924” “3870042” “3874384” “4056101” “4253458” “4278084” “4453940” “4482585” “4786286” “4820297” “Re25129”).PN. OR (“5167656”).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 14:49
S52	1	“20010025167”	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/08 09:05
S53	1	“5767656”	US-PGPUB; USPAT	OR	OFF	2009/09/08 09:07
S54	712	“20020066715”(US-PGPUB) “20040181192”(US-PGPUB) “20050148992”(US-PGPUB) “20060074348”(US-PGPUB) “3648684”(USPAT) “4410630”(USPAT) “4435505”(USPAT) “4466538”(USPAT) “4482070”(USPAT) “4547189”(USPAT) “4756780”(USPAT) “4790567”(USPAT) “4863451”(USPAT) “4875265”(USPAT) “4911706”(USPAT) “4950153”(USPAT) “4981464”(USPAT) “4991742”(USPAT) “5240047”(USPAT) “5279582”(USPAT)	US-PGPUB; USPAT	OR	OFF	2009/09/08 09:08

		"5279583"(USPAT) "5301685"(USPAT) "5346476"(USPAT) "5429803"(USPAT) "5455180"(USPAT) "5471994"(USPAT) "5795324"(USPAT) "5817082"(USPAT) "5833213"(USPAT) "5836360"(USPAT) "5849505"(USPAT) "5871699"(USPAT) "5895383"(USPAT) "5902298"(USPAT) "5921419"(USPAT) "5971181"(USPAT) "6106483"(USPAT) "6171293"(USPAT) "6210909"(USPAT) "6210909"(USPAT) "6224575"(USPAT) "6224575"(USPAT) "6308747"(USPAT) "6410334"(USPAT) "6464105"(USPAT) "6499617"(USPAT) "6666852"(USPAT) "6997916"(USPAT) "7409809"(USPAT) RE31873 (USPAT)				
S55	19	"3,654,924"	US-PGPUB; USPAT	OR	OFF	2009/09/08 10:25
S56	353	(safety same needle same connector)	US-PGPUB; USPAT	OR	OFF	2009/09/08 11:17
S57	96	(safety same needle same connector) and adapter	US-PGPUB; USPAT	OR	OFF	2009/09/08 11:31
S58	78	needle same bottle same adapter	US-PGPUB; USPAT	OR	OFF	2009/09/08 11:35
S59	447	"20010002437"(US-PGPUB) "20020019594"(US-PGPUB) "20020082516"(US-PGPUB) "20020137988"(US-PGPUB) "20040242960"(US-PGPUB) "20060025781"(US-PGPUB) "20060058776"(US-PGPUB) "20060151568"(US-PGPUB) "20060200169"(US-PGPUB) "20060200170"(US-PGPUB) "20060229639"(US-PGPUB) "20060229640"(US-PGPUB) "20070016225"(US-PGPUB) "20070167960"(US-PGPUB) "20070233161"(US-PGPUB) "20080091076"(US-PGPUB) "20080091077"(US-PGPUB)	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/10 09:08

		"20080091078"(US-PGPUB) "20080091079"(US-PGPUB) "20080312496"(US-PGPUB) "5024865"(USPAT) "5219504"(USPAT) "5279539"(USPAT) "5279548"(USPAT) "5465731"(USPAT) "5480404"(USPAT) "5591119"(USPAT) "5647372"(USPAT) "5681324"(USPAT) "5782840"(USPAT) "5788625"(USPAT) "5792045"(USPAT) "6019770"(USPAT) "6033390"(USPAT) "6045566"(USPAT) "6059793"(USPAT) "6059793"(USPAT) "6221006"(USPAT) "6221006"(USPAT) "6228095"(USPAT) "6258102"(USPAT) "6350267"(USPAT) "6383195"(USPAT) "6383197"(USPAT) "6387102"(USPAT) "6406440"(USPAT) "6419639"(USPAT) "6958069"(USPAT) "6971988"(USPAT) "7547310"(USPAT)				
S60	100	("0030471" "0035164" "0156477" "1609014" "20050165280" "3800781" "4557255" "4744363" "4790812" "4927427" "4997435" "5037379" "5074867" "5084054" "5143082" "5147371" "5176687" "5190542" "5190555" "5192284" "5192286" "5201740" "5215521" "5234439" "5279539" "5281238" "5312416" "5330483" "5336227" "5337754" "5341815" "5352184" "5354303" "5368545" "5368597" "5370647" "5465731" "5480404" "5486182" "5486183" "5499988" "5524633" "5535759" "5611803" "5618296" "5643283"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 09:22

		"5645083" "5647372" "5658296" "5679423" "5735289" "5755724" "5759187" "5769794" "5785677" "5788709" "5792145" "5814044" "5836953" "5853374" "5895392" "5906621" "5957884" "5971995" "5980544" "5997547" "6004330" "6007512" "6019770" "6036681" "6059793" "6123701" "6152932" "6162235" "6165121" "6168603" "6228095" "6277083" "6344026" "6348056" "6350266" "6350267" "6383196" "6383197" "6406440" "6409733" "6419639" "6447523" "6471659" "6506166" "6508773" "6755779" "6780193" "6805699" "6872211" "6887255").PN. OR ("7547310").URPN.				
S61	23	("3717151" "3902501" "5183465" "5263937" "5320627" "5370647" "5417684" "5465731" "5577993" "5591177" "5643313" "5707359" "5788709" "5797906" "5971960" "5980544" "6059734" "6074408" "6152932" "6203517" "6206889" "6508825").PN. OR ("6887255").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 09:22
S62	72	("4692139" "4716901" "4807625" "4997435" "5011488" "5176687" "5190561" "5192298" "5195506" "5195507" "5226426" "5263937" "5279548" "5312417" "5330497" "5334164" "5339803" "5350364" "5509900" "5554124").PN. OR ("5707359").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 09:24

S63	165	("3952747" "4619246" "4662885" "4793348" "5053008" "5133733" "5329942" "5397310" "5423851" "5549626" "5707359").PN. OR ("5848964").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 09:27
S64	70	("1609014" "1918519" "3472230" "3791387" "3800781" "3908661" "4557255" "4633869" "4657020" "4739760" "5057114").PN. OR ("5190561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 09:41
S65	27	("0549904" "0724913" "3472230" "3719190" "4004589").PN. OR ("4657020").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 09:52
S66	32	("0030471" "3472230" "4611594" "5011488" "5037379" "5074867" "5100423" "5190542" "5190555" "5215521" "5234439" "5279539" "5611803").PN. OR ("5735289").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 10:15
S67	110	"5,037,379"	US-PGPUB; USPAT	OR	OFF	2009/09/10 13:56
S68	66	("4347846" "4997435" "5074867" "5147371" "5176687" "5190542" "5190555" "5192284" "5192286" "5234439").PN. OR ("5370647").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 14:23
S69	1	"11761456"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 14:58
S70	887	600/104.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 14:58
S71	298	600/106.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 14:58
S72	249	600/153.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 14:58
S73	620	600/562.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 14:58
S74	7	"6159230"	US-PGPUB; USPAT	OR	OFF	2009/09/10 16:08

S75	0	"47846650"	US-PGPUB; USPAT	OR	OFF	2010/03/19 10:13
S76	19	"4784650"	US-PGPUB; USPAT	OR	OFF	2010/03/19 10:13
S77	24	"5084034"	US-PGPUB; USPAT	OR	OFF	2010/03/19 10:16
S78	15	"5104533"	US-PGPUB; USPAT	OR	OFF	2010/03/19 10:19
S79	1	"6395233"	US-PGPUB; USPAT	OR	OFF	2010/03/19 10:19
S80	6	"6186960"	US-PGPUB; USPAT	OR	OFF	2010/03/19 10:20
S81	9	"4932418"	US-PGPUB; USPAT	OR	OFF	2010/03/19 10:21
S82	12	"6152901"	US-PGPUB; USPAT	OR	OFF	2010/03/19 10:24
S83	15	("3858573" "4256120" "4296759" "4590810" "4625574" "4658655" "4749658" "5496301" "5538690" "5552118" "5928166" "6152901" "6156019" "6387086" "6543302").PN. OR ("7055401").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 10:29
S84	4	"20030153063" "20030176813" "20030208161" "20040215107"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 10:31
S85	2	"20030163063"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 10:32
S86	8	"6979307"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 10:33
S87	1	"20060200077"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 10:33
S88	34	("2674265" "2886000" "2999499" "3429186" "3467095" "3513845" "3906935" "4127111" "4245509" "4246899" "4258717" "4397335" "4416280" "4425116").PN. OR ("4658655").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 10:40

S89	29	(“1837858” “2434723” “3083577” “3369405” “3429186” “3638498” “4174632” “4628749” “4651574” “4658655” “4712434” “4750941” “4755357” “4791821” “4800761” “4823622” “4879915”).PN. OR (“4987785”).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 10:47
S90	12	(“3817237” “3831625” “3915167” “4105028” “4300552” “4312493” “4337791” “4375882” “4398908” “4493710”).PN. OR (“4725269”).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 11:34
S91	18	(“0850731” “20030188401” “3915167” “4049301” “4247076” “4588160” “4736925” “4944485” “5203056” “5271649” “5318546” “6113062” “6173926” “6234448” “6261254” “6390721” “6422529”).PN. OR (“7434779”).URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/19 11:35
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